

<b>Exhibit P-40, Budget Item Justification Sheet</b>								Date: February 2004				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Weapons and Tracked Combat Vehicles (2)						P-1 Item Nomenclature: MODIFICATION KITS (ARMOR AND FIRE SUPPORT)						
Program Element: 0206211M Divisions (Marine)				Code: A	Other Related Program Elements:							
	Prior Years			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty												
Gross Cost	140.1			3.9	15.0	11.8	10.2	11.7	11.6	10.3	Cont	Cont
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	140.1			3.9	15.0	11.8	10.2	11.7	11.6	10.3	Cont	Cont
Initial Spares	2.3			0.0	0.0	0.1	0.0	0.0	0.0	0.0	Cont	Cont
Total Proc Cost	142.4			3.9	15.0	12.0	10.2	11.7	11.6	10.3	Cont	Cont
Flyaway U/C												
Wpn Sys Proc U/C												

**M1A1 MOD KITS:** The M1A1 Mod Kit Line is established to sustain the technology of the M1A1 Tank and other supporting platforms including Support and Test Equipment while addressing equipment deficiencies and obsolete components. Funding will procure and field modifications, upgrade the MLC-60 Scissor Bridge to a 70-ton class bridge, and upgrade/replace Special Purpose Test Equipment associated with the M1A1 Tank.

**FIRE SUPPORT MOD LINE:** Funding will provide upgrades to electronic suites and product improvements to the Meteorological Measuring System.

**PORTABLE INDUCTIVE ARTILLERY FUZE SETTER (PIAFS):** An electronic setter for the inductive fuze used on munitions in field artillery designed to increase efficiency of service and decrease crew error.

**TANK SAFETY MODS:** The Tank Safety Mod Line is established to procure and field critical safety related modification kits. This effort is managed and tracked separately due to criticality of the deficiencies. Funding will provide replacements for faulty designs, design enhancements, and other safety related issues that arise during operational scenarios.

**M1A1 ENVIRONMENTAL STABILIZATION:** The Tank Environmental Stabilization System is a stand alone dehumidifier which will reduce moisture induced electronic faults, condensation in optical equipment, and humidity corrosion, resulting in improved component reliability.

**AVLB BRIDGE UPGRADE (Cost of War):** Funding will procure and field modifications, upgrade the MLC-60 Scissor Bridge to a 70-ton class bridge, and upgrade/replace Special Purpose Test Equipment associated with the M1A1 Tank.

**M88A2 Recovery Vehicle (IFF Supplemental Funding):** Funding will procure (3) M88A2 vehicles and will disassemble and refurbish (6) M88A1 vehicles.

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Exhibit P-5, Weapon WPN SYST Cost Analysis			Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Weapons and Tracked Combat Vehicles (2)			P-1 Line Item Nomenclature: MODIFICATION KITS (ARMOR AND FIRE SUPPORT)			Weapon System Type:			Date: February 2004	
Weapon System Cost Elements	ID CD				FY 03			FY 04			FY 05		
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
		\$000	Each	\$	\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
M1A1 MOD KIT													
BIC Installation of Precicision Lightweight GPS Receiver					145								
DSESTS Shelter with onboard Generator and Environmental Control Unit					319	1	319000				3864	17	227294
Modify Muzzle Reference Sensors (MRS)					67	266	252						
Field Service Rep for Depot Level Inspection					89								
ECP													
Forward Observer/Forward Air Control Kits					669								
MODS													
Upgrade MLC70 on Scissor Bridge					212			1783	8	222875			
Mineplow Modification								262					
Tank Infantry Phones								602	403	1494			
Hydraulic Disconnect Relocation Mod								106	403	263			
Gunner Primary Sight with Eyesafe Laser Glass					795	110	7227						
Deep Water Fording Kit					932	60	15533						
M1A1 MOD KIT TOTAL					3228			2753			3864		
TANK SAFETY MODS													
Engine Exhaust Deflector								993	250	3972			
DVE Cable Assembly Kit Modification											3112		
TANK SAFETY MODS TOTAL								993			3112		
M1A1 ENVIRONMENT STABILIZATION SYSTEM								888	263	3376			
FIRE SUPPORT MODIFICATION LINE TOTAL								2073			2465		
PIAFS											2403		
AVLB BRIDGE UPGRADE (COW)													
Upgrade MLC70 on (2) Scissor Bridges					427								
TI Phone Housing Units					45	116	388						
Forward Observer/Forward Air Control Kits					27	16	1688						
Enhanced Eyesafe Laser Range Finder (EELRF)					148	4	37000						
Technical Support for EELRF					9								
AVLB BRIDGE UPGRADE (COW) TOTAL					656								
IFF MOD KIT TRACKED VEHICLE													
Procurement of (3) M88A2 Vehicles								7000	3	2333			
Disassembly/Refurb								1300	6	217			
IFF MOD KIT TRACKED VEHICLE TOTAL								8300					
Total					3884			15007			11844		